



Bureau of Air Quality Synthetic Minor Construction Permit

**Kimberly-Clark Corporation
246 Old Jackson Highway
Beech Island, South Carolina 29842
Aiken County**

In accordance with the provisions of the Pollution Control Act, Sections 48-1-50(5), 48-1-100(A), and 48-1-110(a), the 1976 Code of Laws of South Carolina, as amended, and South Carolina Regulation 61-62, Air Pollution Control Regulations and Standards, the Bureau of Air Quality authorizes the construction of this facility and the equipment specified herein in accordance with the plans, specifications, and other information submitted in the construction permit application received on April 12, 2018, as amended. All official correspondence, plans, permit applications, and written statements are an integral part of the permit. Any false information or misrepresentation in the application for a construction permit may be grounds for permit revocation.

The construction and subsequent operation of this facility is subject to and conditioned upon the terms, limitations, standards, and schedules contained herein or as specified by this permit and its accompanying attachments.

Permit Number: 0080-0009-DP
Issue Date: DRAFT

**Steve McCaslin, P. E., Director
Air Permitting Division
Bureau of Air Quality**

Kimberly-Clark Corporation
0080-0009-DP
Page 2 of 14

RECORD OF REVISIONS	
Date	Description of Changes

DRAFT

Kimberly-Clark Corporation

0080-0009-DP

Page 3 of 14

A. PROJECT DESCRIPTION

Permission is hereby granted to modify the Diaper Line (Emission Unit ID 04) as follows: replace Equipment IDs B-13, B-15, and B-16 with new modular units (retain same Equipment IDs); replace Control Device IDs CD-B-13A and CD-B-13B (drum filters) with CD-B-13 (baghouse); and install Equipment IDs B-21, B-22, and B-23 with corresponding Control Device IDs CD-B-21, CD-B-22, and CD-B-23 (baghouses). The project will also result in an increase in actual steam demand from boilers B-1 and B-2; however, there will be no physical modifications to the boilers. Lines B-21, B-22, and B-23 will also have an additional baghouse venting indoors, and the building air-related particulate matter emissions will be routed to an existing control device CD-MR-CV1 via the Central Vacuum System MR-CV1. Building air particulate matter emissions from the replacement lines, B-13, B-15, and B-16 will also vent to the Central Vacuum System (as did the existing lines). This project includes the removal of Line B-8 and the associated control device equipment (CD-B-08A and -08B).

In addition to the modifications and installation of new equipment, the facility has requested a less than 10 ton per year limit for PM_{2.5} for the existing/modified Unit ID 04 equipment, including B-13, B-15, and B-16, CD-B-13, CD-B-15/16, and CD-MR-CV1 and other existing equipment not affected by this construction permit. These units are included in this permit to establish the enforceable PM_{2.5} limit only. Other applicable conditions for the existing equipment are not repeated as these conditions are contained in the Title V operating permit. Separate synthetic minor limits for PM, PM₁₀, and PM_{2.5} will be established for the new equipment, B-21, B-22, B-23, CD-B-21, CD-B-22, and CD-B-23.

B.1 EQUIPMENT

Equipment ID	Equipment Description	Control Device ID	Emission Point ID
Modified/New Equipment			
B-13	Personal Care Line (Replacement)	CD-B-13	IC-B13
B-15	Personal Care Line (Replacement)	CD-B-15/16	IC-48
B-16	Personal Care Line (Replacement)	CD-B-15/16	IC-48
B-21	Personal Care Line (New)	CD-B-21	IC-B21
B-22	Personal Care Line (New)	CD-B-22	IC-B22
B-23	Personal Care Line (New)		
MR-CV1	Central Vacuum System (Additional Dust Inlet Loading) (Existing)	CD-MR-CV1	IC-45
Existing Equipment to be subject to the synthetic minor PM_{2.5} limit			
B-10	Personal Care Line	CD-B-10A/CD-B-10B	IC-14
B-11	Personal Care Line	CD-B-11A/CD-B-11B	IC-15
B-12	Personal Care Line	CD-B-12A/CD-B-12B	IC-16
B-14	Personal Care Line	CD-B-14	IC-B14
B-17	Personal Care Line	CD-B-17/18	IC-49
B-18	Personal Care Line	CD-B-17/18	IC-49
B-19	Personal Care Line	CD-B-19/20	IC-50
B-20	Personal Care Line	CD-B-19/20	IC-50
MR-01/02/03	Dust Collection System	CD-TW1, CD-TW2, CD-TW3, CD-TW4, CD-TW5, CD-TW6	NA

Kimberly-Clark Corporation

0080-0009-DP

Page 4 of 14

A. PROJECT DESCRIPTION

MR-CV2	Central Vacuum System	CD-MR-CV2	IC-51
--------	-----------------------	-----------	-------

B.2 CONTROL DEVICES

Control Device ID	Control Device Description	Pollutants Controlled
CD-B-10A	Drum Filter, Osprey Corporation, MN-E7-3-SKC	PM/PM ₁₀ /PM _{2.5}
CD-B-10B	Drum Filter, Osprey Corporation MN-E7-4-SKC	PM/PM ₁₀ /PM _{2.5}
CD-B-11A	Drum Filter, Osprey Corporation, MN-E7-3-S	PM/PM ₁₀ /PM _{2.5}
CD-B-11B	Drum Filter, Osprey Corporation, MN-E7-4-S	PM/PM ₁₀ /PM _{2.5}
CD-B-12A	Drum Filter, Osprey Corporation, MN-E7-3-SKC	PM/PM ₁₀ /PM _{2.5}
CD-B-12B	Drum Filter, Osprey Corporation, MN-E7-4-SKC	PM/PM ₁₀ /PM _{2.5}
CD-B-13	(New) Baghouse – Maximum Design Capacity to be determined.	PM/PM ₁₀ /PM _{2.5}
CD-B-14	Baghouse	PM/PM ₁₀ /PM _{2.5}
CD-B-15/16	Existing Baghouse with a maximum design capacity of 18,000 acfm	PM/PM ₁₀ /PM _{2.5}
CD-B-17/18	Baghouse	PM/PM ₁₀ /PM _{2.5}
CD-B-19/20	Baghouse	PM/PM ₁₀ /PM _{2.5}
CD-B-21	(New) Baghouse – Maximum Design Capacity to be determined.	PM/PM ₁₀ /PM _{2.5}
CD-B-22	(New) Baghouse – Maximum Design Capacity to be determined.	PM/PM ₁₀ /PM _{2.5}
CD-B-23	(New) Baghouse – Maximum Design Capacity to be determined.	PM/PM ₁₀ /PM _{2.5}
CD-MR-CV1	Central Vacuum System Baghouse MR-CV1 Baghouse	PM/PM ₁₀ /PM _{2.5}
CD-MR-CV2	Central Vacuum System Baghouse MR-CV2 Baghouse	PM/PM ₁₀ /PM _{2.5}
CD-TW1	Dust Collector, Mikro-Pulsaire 144-TRW-10	PM/PM ₁₀ /PM _{2.5}
CD-TW2	Dust Collector, Mikro-Pulsaire 144-TRW-10	PM/PM ₁₀ /PM _{2.5}
CD-TW3	Dust Collector, Mikro-Pulsaire 144-TRW-10	PM/PM ₁₀ /PM _{2.5}
CD-TW4	Dust Collector, Mikro-Pulsaire 144-TRW-10	PM/PM ₁₀ /PM _{2.5}
CD-TW5	Dust Collector, Mikro-Pulsaire 144-TRW-10	PM/PM ₁₀ /PM _{2.5}
CD-TW6	Dust Collector, Mikro-Pulsaire 144-TRW-10	PM/PM ₁₀ /PM _{2.5}

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions
C.1	<p>Equipment ID: All Control Device ID: All</p> <p>(S.C. Regulation 61-62.1, Section II.J.1.g) A copy of the Department issued construction and/or operating permit must be kept readily available at the facility at all times. The owner or operator shall maintain such operational records; make reports; install, use, and maintain monitoring equipment or methods; sample and analyze emissions or discharges in accordance with prescribed methods at locations, intervals, and procedures as the Department shall prescribe; and provide such other information as the Department reasonably may require. All records required to demonstrate</p>

Kimberly-Clark Corporation**0080-0009-DP****Page 5 of 14****C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS**

Condition Number	Conditions
	compliance with the limits established under this permit shall be maintained on site for a period of at least 5 years from the date the record was generated and shall be made available to a Department representative upon request.
C.2	Equipment ID: All Control Device ID: All The owner or operator shall continue to operate under all applicable requirements, including emission limits and standards, testing, monitoring, record keeping, and reporting of the existing Title V Operating Permit (TV-0080-0009) that are not changed or contravened by this construction permit.
C.3	Equipment ID: All Control Device ID: All The owner/operator shall inspect, calibrate, adjust, and maintain continuous monitoring systems, monitoring devices, and gauges in accordance with manufacturer's specifications or good engineering practices. The owner/operator shall maintain on file all measurements including continuous monitoring system or monitoring device performance measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required in a permanent form suitable for inspection by Department personnel.
C.4	Equipment ID: All Control Device ID: All All gauges shall be readily accessible and easily read by operating personnel and Department personnel (i.e. on ground level or easily accessible roof level). Monitoring parameter readings (i.e., pressure drop readings, etc.) and inspection checks shall be maintained in logs (written or electronic), along with any corrective action taken when deviations occur. Each incidence of operation outside the operational ranges, including date and time, cause, and corrective action taken, shall be recorded and kept on site. Exceedance of operational range shall not be considered a violation of an emission limit of this permit, unless the exceedance is also accompanied by other information demonstrating that a violation of an emission limit has taken place. Reports of these incidences shall be submitted semiannually. If no incidences occurred during the reporting period then a letter shall be submitted to indicate such. Any alternative method for monitoring control device performance must be preapproved by the Department and shall be incorporated into the permit as set forth in S.C. Regulation 61-62.70.7.
C.5	Equipment ID: B-13, B-15, B-16, B-21, B-22, B-23, MR-CV1 Control Device ID: CD-B-13, CD-B-15/16, CD-B-21, CD-B-22, CD-B-23, CD-MR-CV1 For any source test required under an applicable standard or permit condition, the owner, operator, or representative shall comply with S.C. Regulation 61-62.1, Section IV - Source Tests.

Kimberly-Clark Corporation

0080-0009-DP

Page 6 of 14

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions
	<p>Unless approved otherwise by the Department, the owner, operator, or representative shall ensure that source tests are conducted while the source is operating at the maximum expected production rate or other production rate or operating parameter which would result in the highest emissions for the pollutants being tested. Some sources may have to spike fuels or raw materials to avoid being subjected to a more restrictive feed or process rate. Any source test performed at a production rate less than the rated capacity may result in permit limits on emission rates, including limits on production if necessary.</p> <p>The owner or operator shall comply with any limits that result from conducting a source test at less than rated capacity. A copy of the most recent Department issued source test summary letter, whether it imposes a limit or not, shall be maintained with the operating permit, for each source that is required to conduct a source test.</p> <p>Site-specific test plans and amendments, notifications, and source test reports shall be submitted to the Manager of the Source Evaluation Section, Bureau of Air Quality.</p>
C.6	<p>Equipment ID: B-10, B-11, B-12, B-13, B-14, B-15, B-16, B-17, B-18, B-19, B-20, MR-CV1, MR-CV2, MR-01/02/03</p> <p>Control Device ID: CD-B-10A, CD-B-10B, CD-B-11A, CD-B-11B, CD-B-12A, CD-B-12B, CD-B-13, CD-B-14, CD-B-15/16, CD-B-17/18, CD-B-19/20, CD-MR-CV1, CD-MR-CV2, CD-TW1, CD-TW2, CD-TW3, CD-TW4, CD-TW5, CD-TW6</p> <p>(S.C. Regulation 61-62.1, Section II.E) This facility is a PSD major source for particulate matter (PM), particulate matter less than 10 microns in diameter (PM₁₀), and particulate matter less than 2.5 microns in diameter (PM_{2.5}) emissions. The facility has agreed to federally enforceable emissions limitations to limit its potential to emit to less than 25 tons per year (TPY) for PM, less than 15 TPY for PM₁₀, and less than 10 TPY for PM_{2.5}, total, for all equipment listed in this condition.</p>
C.7	<p>Equipment ID: B-21, B-22, B-23</p> <p>Control Device ID: CD-B-21, CD-B-22, CD-B-23</p> <p>(S.C. Regulation 61-62.1, Section II.E) This facility is a PSD major source for particulate matter (PM), particulate matter less than 10 microns in diameter (PM₁₀), and particulate matter less than 2.5 microns in diameter (PM_{2.5}) emissions. The facility has agreed to federally enforceable emissions limitations to limit its potential to emit to less than 25 tons per year (TPY) for PM, less than 15 TPY for PM₁₀, and less than 10 TPY for PM_{2.5}, total, for all equipment listed in this condition.</p>
C.8	<p>Equipment ID: B-10, B-11, B-12, B-13, B-14, B-15, B-16, B-17, B-18, B-19, B-20, MR-CV1, MR-CV2, MR-01/02/03</p> <p>Control Device ID: CD-B-10A, CD-B-10B, CD-B-11A, CD-B-11B, CD-B-12A, CD-B-12B, CD-B-13, CD-B-14, CD-B-15/16, CD-B-17/18, CD-B-19/20, CD-MR-CV1, CD-MR-CV2, CD-TW1, CD-TW2, CD-TW3, CD-TW4, CD-TW5, CD-TW6</p> <p>The owner/operator shall maintain production rate records and any other records necessary to</p>

Kimberly-Clark Corporation

0080-0009-DP

Page 7 of 14

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions
	<p>determine PM, PM₁₀, and PM_{2.5} emissions. PM, PM₁₀, and PM_{2.5} emissions shall be calculated on a monthly basis, and a twelve-month rolling sum shall be calculated for each of total PM, PM₁₀, and PM_{2.5} emissions. Emissions from malfunctions are required to be quantified and included in the calculations. The twelve-month rolling sum shall be less than 25 tons for PM, less than 15 tons for PM₁₀, and less than 10 tons for PM_{2.5}. Reports of the calculated values and the twelve-month rolling sum, calculated for each month in the reporting period, shall be submitted semiannually.</p> <p>An algorithm, including example calculations and emission factors, explaining the method used to determine emission rates shall only be included in the initial report. Subsequent submittals of the algorithm are required within 30 days of the change if the algorithm or basis for emissions is modified or the Department requests additional information.</p>
C.9	<p>Equipment ID: B-21, B-22, B-23 Control Device ID: CD-B-21, CD-B-22, CD-B-23</p> <p>The owner/operator shall maintain production rate records and any other records necessary to determine PM, PM₁₀, and PM_{2.5} emissions. PM, PM₁₀, and PM_{2.5} emissions shall be calculated on a monthly basis, and a twelve-month rolling sum shall be calculated for each of total PM, PM₁₀, and PM_{2.5} emissions. Emissions from malfunctions are required to be quantified and included in the calculations. The twelve-month rolling sum shall be less than 25 tons for PM, less than 15 tons for PM₁₀, and less than 10 tons for PM_{2.5}. Reports of the calculated values and the twelve-month rolling sum, calculated for each month in the reporting period, shall be submitted semiannually.</p> <p>An algorithm, including example calculations and emission factors, explaining the method used to determine emission rates shall only be included in the initial report. Subsequent submittals of the algorithm are required within 30 days of the change if the algorithm or basis for emissions is modified or the Department requests additional information.</p>
C.10	<p>Equipment ID: B-13, B-15, B-16, B-21, B-22, B-23, MR-CV1 Control Device ID: CD-B-13, CD-B-15/16, CD-B-21, CD-B-22, CD-B-23, CD-MR-CV1</p> <p>(S.C. Regulation 61-62.5, Standard No. 4, Section VIII) Particulate matter emissions shall be limited to the rate specified by use of the following equations:</p> <p style="padding-left: 40px;">For process weight rates less than or equal to 30 tons per hour $E = (F) 4.10P^{0.67}$ and</p> <p style="padding-left: 40px;">For process weight rates greater than 30 tons per hour $E = (F) 55.0P^{0.11} - 40$</p> <p style="padding-left: 40px;">Where E = the allowable emission rate in pounds per hour P = process weight rate in tons per hour F = effect factor from Table B in S.C. Regulation 61-62.5, Standard No. 4</p>
C.11	<p>Equipment ID: B-13, B-15, B-16, B-21, B-22, B-23, MR-CV1 Control Device ID: CD-B-13, CD-B-15/16, CD-B-21, CD-B-22, CD-B-23, CD-MR-CV1</p>

Kimberly-Clark Corporation

0080-0009-DP

Page 8 of 14

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions
	(S.C. Regulation 61-62.5, Standard No. 4, Section IX) Where construction or modification began after December 31, 1985, emissions from these sources (including fugitive emissions) shall not exhibit an opacity greater than 20%, each.
C.12	<p>Equipment ID: B-13, B-15, B-16, B-21, B-22, B-23, MR-CV1 Control Device ID: CD-B-13, CD-B-15/16, CD-B-21, CD-B-22, CD-B-23, CD-MR-CV1</p> <p>The owner/operator shall perform a visual inspection on a weekly basis during source operation. Logs shall be kept to record all visual inspections, noting color, duration, density (heavy or light), cause, and corrective action taken for any abnormal emissions. If a source did not operate during the required visual inspection time frame, the log shall indicate such. The owner/operator shall submit semiannual reports. The report shall include records of abnormal emissions, if any, and corrective actions taken. If the unit did not operate during the semiannual period, the report shall state so.</p> <p>Visual inspection means a qualitative observation of opacity during daylight hours. The observer does not need to be certified to conduct valid visual inspections. However, at a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, and observer position relative to lighting, wind, and the presence of uncombined water.</p>
C.13	<p>Equipment ID: B-13, B-21, B-22, B-23 Control Device ID: CD-B-13, CD-B-21, CD-B-22, CD-B-23</p> <p>The owner/operator shall install, operate, and maintain pressure drop gauges on each baghouse. Pressure drop readings for each baghouse shall be recorded weekly during source operation. Operation checks shall be made on at least a weekly basis for baghouse cleaning systems, dust collection hoppers and conveying systems for proper operation. Each baghouse shall be in place and operational whenever processes controlled by it are running, except during periods of baghouse malfunction or mechanical failure.</p> <p>Operational ranges for the monitored parameters shall be established to ensure proper operation of the pollution control equipment. These operational ranges for the monitored parameters shall be derived from stack test data, vendor certification, operational history and visual inspections, which demonstrate the proper operation of the equipment. Prior to the first source test, the facility shall use manufacturer's recommendations for operational ranges. The manufacturer's recommendations must be maintained on site. These ranges and supporting documentation (certification from manufacturer, stack test results, 30 days of normal readings, opacity readings, etc.) shall be submitted to the Director of the Air Permitting Division within 180 days of startup. Operating ranges may be updated following submittal to the Department.</p>
C.14	<p>Equipment ID: B-15, B-16, MR-CV1 Control Device ID: CD-B-15/16, CD-MR-CV1</p> <p>The owner/operator shall continue to operate and maintain pressure drop gauges on each baghouse.</p>

Kimberly-Clark Corporation

0080-0009-DP

Page 9 of 14

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions
	<p>Pressure drop readings for each baghouse shall be recorded weekly during source operation. Operation checks shall be made on at least a weekly basis for baghouse cleaning systems, dust collection hoppers and conveying systems for proper operation. Each baghouse shall be in place and operational whenever processes controlled by it are running, except during periods of baghouse malfunction or mechanical failure.</p> <p>Operational ranges for the monitored parameters shall be reviewed and re-established (if appropriate) to ensure proper operation of the pollution control equipment. These operational ranges for the monitored parameters shall be derived from stack test data, vendor certification, and/or operational history and visual inspections, which demonstrate the proper operation of the equipment. If ranges need to be re-established, these ranges and supporting documentation (certification from manufacturer, stack test results, 30 days of normal readings, opacity readings, etc.) shall be submitted to the Director of the Air Permitting Division within 180 days of startup/modification.</p>
C.15	<p>Equipment ID: B-10, B-11, B-12, B-13, B-14, B-15, B-16, B-17, B-18, B-19, B-20 Control Device ID: CD-B-10A, CD-B-10B, CD-B-11A, CD-B-11B, CD-B-12A, CD-B-12B, CD-B-13, CD-B-14, CD-B-15/16, CD-B-17/18, CD-B-19/20</p> <p>An initial source test to verify the production-based controlled emission rates of PM, PM₁₀, and PM_{2.5} from Personal Care Line B-13 and control device CD-B-13 shall be conducted within 180 days after startup.</p> <p>A source test to verify the production-based controlled emission rates of PM, PM₁₀, and PM_{2.5} shall be conducted every year for two (2) of the following lines: B-10, B-11, B-12, B-13, B-14, B-15, B-16, B-17, B-18, B-19, and B-20 such that each line is tested at least once every six (6) years. Because of a shared baghouse between each pair of lines, lines B-15 and B-16 shall be tested together, lines B-17 and B-18 shall be tested together, and lines B-19 and B-20 shall be tested together.</p>
C.16	<p>Equipment ID: B-21, B-22, B-23 Control Device ID: CD-B-21, CD-B-22, CD-B-23</p> <p>(SC Regulation 61.62.) An initial source test for PM, PM₁₀, and PM_{2.5} emissions shall be conducted within 180 days after startup. The source test will be used to verify production-based controlled emission rates.</p>

D. NESHAP PERIODIC REPORTING SCHEDULE SUMMARY - RESERVED

E. NESHAP - CONDITIONS - RESERVED

Kimberly-Clark Corporation**0080-0009-DP****Page 10 of 14****F. AMBIENT AIR STANDARDS REQUIREMENTS**

Condition Number	Conditions
F.1	<p>Air dispersion modeling (or other method) has demonstrated that this facility's operation will not interfere with the attainment and maintenance of any state or federal ambient air standard. Any changes in the parameters used in this demonstration may require a review by the facility to determine continuing compliance with these standards. These potential changes include any decrease in stack height, decrease in stack velocity, increase in stack diameter, decrease in stack exit temperature, increase in building height or building additions, increase in emission rates, decrease in distance between stack and property line, changes in vertical stack orientation, and installation of a rain cap that impedes vertical flow. Parameters that are not required in the determination will not invalidate the demonstration if they are modified. The emission rates used in the determination are listed in Attachment - Emission Rates for Ambient Air Standards of this permit. Higher emission rates may be administratively incorporated into Attachment - Emission Rates for Ambient Air Standards of this permit provided a demonstration using these higher emission rates shows the attainment and maintenance of any state or federal ambient air quality standard or with any other applicable requirement. Variations from the input parameters in the demonstration shall not constitute a violation unless the maximum allowable ambient concentrations identified in the standard are exceeded.</p> <p>The owner/operator shall maintain this facility at or below the emission rates as listed in Attachment - Emission Rates for Ambient Air Standards, not to exceed the pollutant limitations of this permit. Should the facility wish to increase the emission rates listed in Attachment - Emission Rates for Ambient Air Standards, not to exceed the pollutant limitations in the body of this permit, it may do so by the administrative process specified above. This is a State Only enforceable requirement.</p>

G. PERIODIC REPORTING SCHEDULE

Compliance Monitoring Report Submittal Frequency	Reporting Period (Begins on the startup date of the source)	Report Due Date
Quarterly	January-March April-June July-September October-December	April 30 July 30 October 30 January 30
Semiannual	January-June April-September July-December October-March	July 30 October 30 January 30 April 30
Annual	January-December April-March July-June October-September	January 30 April 30 July 30 October 30

Kimberly-Clark Corporation**0080-0009-DP****Page 11 of 14****G. PERIODIC REPORTING SCHEDULE**

Compliance Monitoring Report Submittal Frequency	Reporting Period (Begins on the startup date of the source)	Report Due Date
Note: This reporting schedule does not supersede any federal reporting requirements including but not limited to 40 CFR Part 60, 40 CFR Part 61, and 40 CFR Part 63. All federal reports must meet the reporting time frames specified in the federal standard unless the Department or EPA approves a change.		

H. REPORTING CONDITIONS

Condition Number	Conditions
H.1	Reporting required in this permit, shall be submitted in a timely manner as directed in the Periodic Reporting Schedule of this permit.
H.2	All reports and notifications required under this permit shall be submitted to the person indicated in the specific condition at the following address: 2600 Bull Street Columbia, SC 29201 The contact information for the local Environmental Affairs Regional office can be found at: http://www.scdhec.gov
H.3	The owner/operator shall submit written notification to the Director of Air Permitting of the date construction is commenced, postmarked within 30 days after such date.
H.4	Unless elsewhere specified within this permit, all reports required under this permit shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality.
H.5	(S.C. Regulation 61-62.1, Section II.J) For sources not required to have continuous emissions monitors, any malfunction of air pollution control equipment or system, process upset or other equipment failure which results in discharges of air contaminants lasting for one hour or more and which are greater than those discharges described for normal operation in the permit application shall be reported to the Department's local Environmental Affairs Regional office within 24 hours after the beginning of the occurrence. The owner/operator shall also submit a written report within 30 days of the occurrence. This report shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality and shall include, at a minimum, the following: <ol style="list-style-type: none">1. The identity of the stack and/or emission point where the excess emissions occurred;2. The magnitude of excess emissions expressed in the units of the applicable emission limitation and the operating data and calculations used in determining the excess emissions;3. The time and duration of excess emissions;4. The identity of the equipment causing the excess emissions;5. The nature and cause of such excess emissions;6. The steps taken to remedy the malfunction and the steps taken or planned to prevent the recurrence of such malfunction;7. The steps taken to limit the excess emissions; and,

Kimberly-Clark Corporation**0080-0009-DP****Page 12 of 14****H. REPORTING CONDITIONS**

Condition Number	Conditions
	8. Documentation that the air pollution control equipment, process equipment, or processes were at all times maintained and operated, to the maximum extent practicable, in a manner consistent with good practice for minimizing emissions.

I. PERMIT EXPIRATION AND EXTENSION

Condition Number	Conditions
I.1	(S.C. Regulation 61-62.1, Section II.A.4) Approval to construct shall become invalid if construction: a. is not commenced within 18 months after receipt of such approval; b. is discontinued for a period of 18 months or more; or c. is not completed within a reasonable time as deemed by the Department. The Department may extend the construction permit for an additional 18-month period upon a satisfactory showing that an extension is justified. This request must be made prior to the permit expiration.
I.2	This provision does not apply to the time period between construction of the approved phases of a phased construction project; each phase must commence construction within 18 months of the projected and approved commencement date.

J. PERMIT TO OPERATE

Condition Number	Conditions
J.1	(S.C. Regulation 61-62.1 Section II.F.2) The owner/operator or professional engineer in charge of the project shall certify that, to the best of his/her knowledge and belief and as a result of periodic observation during construction, the construction under application has been completed in accordance with the specifications agreed upon in the construction permit issued by the Department.
J.2	If construction is certified as provided in S.C. Regulation 61-62.1 Section II.F.2, the owner or operator, may operate the source in compliance with the terms and conditions of the construction permit until the operating permit is issued by the Department.
J.3	If construction is not built as specified in the permit application and associated construction permit(s), the owner/operator must submit to the Department a complete description of modifications that are at variance with the documentation of the construction permitting determination prior to commencing operation. Construction variances that would trigger additional requirements that have not been addressed prior to start of operation shall be considered construction without a permit.
J.4	(S.C. Regulations 61-62.1 Section II.F.3 and 61-62.70.7) The owner or operator shall submit a written request to the Director of Air Permitting for a new or revised operating permit to cover any new or

Kimberly-Clark Corporation**0080-0009-DP****Page 13 of 14****J. PERMIT TO OPERATE**

Condition Number	Conditions
	altered source postmarked within 15 days after the actual date of initial startup unless a more stringent time frame is required by regulation. The request should be made using the appropriate Title V modification form.

K. GENERAL CONDITIONS

Condition Number	Conditions
K.1	The permittee shall pay permit fees to the Department in accordance with the requirements of S.C. Regulation 61-30, Environmental Protection Fees.
K.2	<p>In the event of an emergency, as defined in S.C. Regulation 61-62.1, Section II.L, the owner or operator may document an emergency situation through properly signed, contemporaneous operating logs, and other relevant evidence that verify:</p> <ol style="list-style-type: none">1. An emergency occurred, and the owner or operator can identify the cause(s) of the emergency;2. The permitted source was at the time the emergency occurred being properly operated;3. During the period of the emergency, the owner or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and4. The owner or operator gave a verbal notification of the emergency to the Department within 24 hours of the time when emission limitations were exceeded, followed by a written report within 30 days. The written report shall include, at a minimum, the information required by S.C. Regulation 61-62.1, Section II.J.1.c.i through viii. The written report shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken. <p>This provision is in addition to any emergency or upset provision contained in any applicable requirement.</p>
K.3	<p>(S.C. Regulation 61-62.1, Section II.O) Upon presentation of credentials and other documents as may be required by law, the owner or operator shall allow the Department or an authorized representative to perform the following:</p> <ol style="list-style-type: none">1. Enter the facility where emissions-related activity is conducted, or where records must be kept under the conditions of the permit.2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit.3. Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.4. As authorized by the Federal Clean Air Act and/or the S.C. Pollution Control Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

L. EMISSIONS INVENTORY REPORTS – RESERVED

DRAFT

ATTACHMENT - Emission Rates for Ambient Air Standards

Kimberly-Clark Corporation

0080-0009-DP

Page 1 of 10

The emission rates listed herein are not considered enforceable limitations but are used to evaluate ambient air quality impact. Until the Department makes a determination that a facility is causing or contributing to an exceedance of a state or federal ambient air quality standard, increases to these emission rates are not in themselves considered violations of these ambient air quality standards (see Ambient Air Standards Requirements).

AMBIENT AIR QUALITY STANDARDS – STANDARD NO. 2						
Emission Point ID	Emission Rates (lbs/hr)					
	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO	Lead
BH.04	2.667	1.786	--	27.683	13.10	9.62E-03
BH.11	1.052	1.021	2.571	13.619	13.10	--
C.06	0.142	0.142	--	--	--	--
C.07	0.1806	0.1806	--	--	--	--
CC.AMU	0.001	0.001	0.0002	0.036	0.031	1.95E-07
DF.01A	0.394	0.323	--	--	--	--
DF.01B	0.394	0.323	--	--	--	--
DF.02A	0.076	0.059	--	--	--	--
DF.02B	0.076	0.059	--	--	--	--
DF.03A	0.076	0.059	--	--	--	--
DF.03B	0.076	0.059	--	--	--	--
DF.04A	0.076	0.059	--	--	--	--
DF.04B	0.076	0.059	--	--	--	--
DF.05A	0.076	0.059	--	--	--	--
DF.05B	0.076	0.059	--	--	--	--
ET.FP1	0.383	0.383	0.358	5.45	1.174	--
FC.01	0.238	0.206	--	--	--	--
FP.04	0.08	0.08	--	--	--	--
FP.06	0.0003	0.0003	--	--	--	--
FPW.AMU	0.02	0.02	0.005	0.777	0.652	3.89E-06
HWB.01	0.005	0.005	0.001	0.195	0.164	9.75E-07
IC.45	0.13	0.13	--	--	--	--
IC.48	0.0034	0.0034	--	--	--	--
IC.49	0.0657	0.0594	--	--	--	--
IC.50	0.0657	0.0594	--	--	--	--
IC.51	0.125	0.125	--	--	--	--
IC.B12	0.0329	0.0297	--	--	--	--
IC.B13	0.0286	0.0009	--	--	--	--
IC.B14	0.0329	0.0297	--	--	--	--
IC.B21	0.10	0.0742	--	--	--	--
IC.B22	0.10	0.0742	--	--	--	--
IC.B23	0.10	0.0742	--	--	--	--

ATTACHMENT - Emission Rates for Ambient Air Standards

Kimberly-Clark Corporation

0080-0009-DP

Page 2 of 10

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2						
Emission Point ID	Emission Rates (lbs/hr)					
	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO	Lead
MW.AHU	0.0006	0.0006	--	2.855 ⁽⁵⁾	--	--
MW.BA	0.0352	0.0224	--	--	--	--
MW.CV	0.0175	0.0154	--	--	--	--
MW.D1	0.245	0.14	0.0073	0.716	1.02	6.10E-06
MW.D2	0.245	0.14	0.0073	0.716	1.02	6.10E-06
MW.D3	0.0686	0.0398	0.003	0.438	0.368	2.19E-06
MW.DG	0.16	0.16	0.15	2.26	0.49	--
PR.01	0.223	0.153	--	--	--	--
PR.03	0.187	0.129	--	--	--	--
PR.04	0.187	0.129	--	--	--	--
PR.05	0.223	0.153	--	--	--	--
PR.08	0.89	0.59	0.02	0.64	5.24	1.73E-05
PR.09	1.05	0.69	0.02	0.64	5.24	1.73E-05
PSP.AMU	0.0852	0.0828	0.02	3.21	2.773	1.66E-05
RP.03	0.376	0.376	--	--	--	--
RP.07	0.0099	0.0099	0.0001	2.97	2.05	--
RP.08	0.0566	0.0566	--	--	--	--
RP.11	0.25	0.12	--	--	--	--
TM3.03	0.088	0.088	0.012	0.737	0.753	9.95E-06
TM3.AMU	0.0784	0.0762	0.018	2.96	2.56	1.52E-05
TM3.TAD	0.882	0.882	0.098	5.874	5.987	7.93E-05
TM4.DG	0.12	0.14	1.03	6.55	1.74	--
TM4.TAD1	0.595	0.595	0.061	1.280	7.680	5.09E-05
TM4.TAD2	0.552	0.552	0.039	0.810	4.850	3.22E-05
TM.02	0.187	0.129	--	--	--	--
TM.03	0.223	0.153	--	--	--	--
TM.04	0.223	0.153	--	--	--	--
TM.05	0.187	0.129	--	--	--	--
TM.06	0.223	0.153	--	--	--	--
TM.07	0.187	0.129	--	--	--	--
TM.11	0.220	0.176	--	--	--	--
TM.12	0.262	0.209	--	--	--	--
TM.13	0.220	0.176	--	--	--	--
TM.14	0.262	0.209	--	--	--	--
TM.15	0.220	0.176	--	--	--	--
TM.16	0.262	0.209	--	--	--	--
TM.17	0.220	0.176	--	--	--	--
TM.18	0.262	0.209	--	--	--	--

ATTACHMENT - Emission Rates for Ambient Air Standards

Kimberly-Clark Corporation

0080-0009-DP

Page 3 of 10

AMBIENT AIR QUALITY STANDARDS – STANDARD NO. 2						
Emission Point ID	Emission Rates (lbs/hr)					
	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO	Lead
TM.29	0.644	0.465	--	--	--	--
TM.30	0.764	0.552	--	--	--	--
TM.31	0.187	0.129	--	--	--	--
TM.32	0.223	0.153	--	--	--	--
WH.DG	0.14	0.14	0.12	1.88	0.41	--
WT.01	0.0635	0.0635	--	--	--	--
WT.14	0.383	0.383	0.358	5.45	1.174	--

STANDARD NO. 8 - TOXIC AIR POLLUTANTS EMISSION RATES (LBS/HR): Table 1				
Emission Point ID	Acrylamide	Chloroform	Cobalt Compounds	Formaldehyde
	79-06-1	67-66-3	+	50-00-0
BH.04 (from Boiler Maintenance chemicals only)	--	--	0.000708	--
BH.11 (from Boiler Maintenance chemicals and landfill gas combustion only)	--	6.14E-05	0.000708	--
C.PV	--	--	--	4.73E-02
IA.FLT	--	--	--	3.60E-05
IA.WT	3.31E-03	--	--	3.60E-05
IC.48	--	--	--	7.56E-06
IC.49	--	--	--	7.56E-06
IC.50	--	--	--	7.56E-06
IC.B12	--	--	--	3.78E-06
IC.B13	--	--	--	3.78E-06
IC.B14	--	--	--	3.78E-06
MW.BA	--	--	--	1.37E-03
MW.D1	--	--	--	2.74E-03
MW.D2	--	--	--	2.74E-03
MW.SA	--	--	--	4.18E-06
PR.01	4.05E-03	3.68E-02	--	3.88E-04
PR.03	4.05E-03	3.10E-02	--	3.88E-04
PR.04	4.05E-03	3.10E-02	--	3.88E-04
PR.05	4.05E-03	3.68E-02	--	3.88E-04
RP	--	--	--	1.67E-02

ATTACHMENT - Emission Rates for Ambient Air Standards

Kimberly-Clark Corporation

0080-0009-DP

Page 4 of 10

STANDARD NO. 8 - TOXIC AIR POLLUTANTS EMISSION RATES (LBS/HR): Table 1				
Emission Point ID	Acrylamide	Chloroform	Cobalt Compounds	Formaldehyde
	79-06-1	67-66-3	+	50-00-0
TM3	3.88E-02	--	--	5.12E-02
TM4	3.88E-02	--	--	3.88E-03
TM.02	4.05E-03	3.10E-02	--	3.88E-04
TM.03	4.05E-03	3.68E-02	--	3.88E-04
TM.04	4.05E-03	3.68E-02	--	3.88E-04
TM.05	4.05E-03	3.10E-02	--	3.88E-04
TM.06	4.05E-03	3.68E-02	--	3.88E-04
TM.07	4.05E-03	3.10E-02	--	3.88E-04
TM.11	4.05E-03	3.10E-02	--	3.88E-04
TM.12	4.05E-03	3.68E-02	--	3.88E-04
TM.13	4.05E-03	3.10E-02	--	3.88E-04
TM.14	4.05E-03	3.68E-02	--	3.88E-04
TM.15	4.05E-03	3.10E-02	--	3.88E-04
TM.16	4.05E-03	3.68E-02	--	3.88E-04
TM.17	4.05E-03	3.10E-02	--	3.88E-04
TM.18	4.05E-03	3.68E-02	--	3.88E-04
TM.29	--	3.88E-02	--	--
TM.30	--	4.60E-02	--	--
TM.31	4.05E-03	3.10E-02	--	3.88E-04
TM.32	4.05E-03	3.68E-02	--	3.88E-04

ATTACHMENT - Emission Rates for Ambient Air Standards

Kimberly-Clark Corporation

0080-0009-DP

Page 5 of 10

STANDARD NO. 8 - TOXIC AIR POLLUTANTS EMISSION RATES (LBS/HR): Table 2				
Emission Point ID	Methanol	Phosphoric Acid	Sodium Hydroxide	Sulfuric Acid
	67-56-1	7664-38-2	1310-73-2	7664-93-9
BH.04 (from Boiler Maintenance chemicals only)	--	--	1.50	--
BH.11 (from Boiler Maintenance chemicals only)	--	--	1.50	--
C.PV	1.3025	--	0.000295	0.000426
GEN.MILL	--	--	0.00723	0.0329
IA.FLT	--	1.72	--	--
MW.BA	--	--	--	--
MW.D1	--	--	--	--
MW.D2	--	--	--	--
MW.SA	--	--	0.6164	--
PR.01	0.0071	--	0.04944	--
PR.03	0.0071	--	0.04944	--
PR.04	0.0071	--	0.04944	--
PR.05	0.0071	--	0.04944	--
RP	0.0719	--	0.00172	--
TM3	0.3012	--	0.00433	0.000852
TM.02	0.0071	--	0.04944	--
TM.03	0.0071	--	0.04944	--
TM.04	0.0071	--	0.04944	--
TM.05	0.0071	--	0.04944	--
TM.06	0.0071	--	0.04944	--
TM.07	0.0071	--	0.04944	--
TM.11	0.0071	--	0.04944	--
TM.12	0.0071	--	0.04944	--
TM.13	0.0071	--	0.04944	--
TM.14	0.0071	--	0.04944	--
TM.15	0.0071	--	0.04944	--
TM.16	0.0071	--	0.04944	--
TM.17	0.0071	--	0.04944	--
TM.18	0.0071	--	0.04944	--
TM.31	0.0071	--	0.04944	--
TM.32	0.0071	--	0.04944	--

ATTACHMENT - Emission Rates for Ambient Air Standards

Kimberly-Clark Corporation

0080-0009-DP

Page 6 of 10

STANDARD NO. 8 - TOXIC AIR POLLUTANTS EMISSION RATES (LBS/HR): Table 3	
Emission Point ID	Vinyl Acetate
	108-05-4
C.PV	0.00801
MW.BA	0.137
MW.D1	0.274
MW.D2	0.274
RP	0.00283
TM3	0.00801

STANDARD NO. 8 - DE MINIMIS TOXIC AIR POLLUTANTS EMISSION RATES (LBS/HR): Table 1				
Emission Point ID	Acetaldehyde	Acetophenone	Acrylic Acid	Acrylonitrile
	75-07-0	98-86-2	79-10-7	107-13-1
BH.11 (from landfill gas only)	--	--	--	0.00576
C.PV	1.65E-04	2.21E-07	1.38E-06	--
IC.48	2.47E-05	--	--	--
IC.49	2.47E-05	--	--	--
IC.50	2.47E-05	--	--	--
IC.B12	1.23E-05	--	--	--
IC.B13	1.23E-05	--	--	--
IC.B14	1.23E-05	--	--	--
MW.BA	1.93E-02	--	4.11E-04	--
MW.D1	3.84E-02	--	8.22E-04	--
MW.D2	3.84E-02	--	8.22E-04	--
MW.SA	4.18E-06	--	--	--
RP	2.06E-03	--	--	--
TM3	2.76E-03	--	--	--

ATTACHMENT - Emission Rates for Ambient Air Standards

Kimberly-Clark Corporation

0080-0009-DP

Page 7 of 10

STANDARD NO. 8 - DE MINIMIS TOXIC AIR POLLUTANTS EMISSION RATES (LBS/HR): Table 2

Emission Point ID	Benzene	Carbon Disulfide	Carbon Tetrachloride	Carbonyl sulfide
	71-43-2	75-15-0	56-23-5	463-58-1
BH.11 (from landfill gas only)	--	0.000757	1.05E-05	0.000504
C.PV	1.59E-07	--	--	--
IC.48	1.26E-06	--	--	--
IC.49	1.26E-06	--	--	--
IC.50	1.26E-06	--	--	--
IC.B12	6.27E-07	--	--	--
IC.B13	6.27E-07	--	--	--
IC.B14	6.27E-07	--	--	--
MW.SA	5.56E-06	--	--	--
OT.2	3.20E-05	--	--	--
RP	5.40E-06	--	--	--
TM3	7.61E-08	--	--	--

STANDARD NO. 8 - DE MINIMIS TOXIC AIR POLLUTANTS EMISSION RATES (LBS/HR): Table 3

Emission Point ID	Chlorobenzene	Cumene	p-Dichlorobenzene	1,3-Dichloropropene
	108-90-7	98-82-8	106-46-7	542-75-6
BH.11 (from landfill gas only)	0.000482	--	0.000529	--
C.PV	--	1.77E-06	--	7.13E-05
IC.48	--	--	--	2.38E-05
IC.49	--	--	--	2.38E-05
IC.50	--	--	--	2.38E-05
IC.B12	--	--	--	1.19E-05
IC.B13	--	--	--	1.19E-05
IC.B14	--	--	--	1.19E-05
TM3	--	--	--	7.13E-05

ATTACHMENT - Emission Rates for Ambient Air Standards

Kimberly-Clark Corporation

0080-0009-DP

Page 8 of 10

STANDARD NO. 8 - DE MINIMIS TOXIC AIR POLLUTANTS EMISSION RATES (LBS/HR): Table 4

Emission Point ID	Diethanolamine	1,4-Dioxane	Ethanethiol	Ethyl Benzene
	111-42-2	123-91-1	75-08-1	100-41-4
BH.11 (from landfill gas only)	--	--	0.00243	8.39E-03
C.PV	4.54E-04	3.46E-03	--	4.40E-08
IC.48	--	2.37E-05	--	--
IC.49	--	2.37E-05	--	--
IC.50	--	1.18E-05	--	--
IC.B12	--	1.18E-05	--	--
IC.B13	--	2.37E-05	--	--
IC.B14	--	1.18E-05	--	--
MW.BA	--	2.82E-04	--	--
MW.D1	--	5.63E-04	--	--
MW.D2	--	5.63E-04	--	--
OT.2	--	--	--	5.02E-05
RP	--	1.10E-03	--	--
TM3	--	2.53E-04	--	--
TM4	5.71E-05	--	--	--

STANDARD NO. 8 - DE MINIMIS TOXIC AIR POLLUTANTS EMISSION RATES (LBS/HR): Table 5

Emission Point ID	Ethyl Chloride	Ethylene Dibromide	Ethylene Dichloride	Ethylene Oxide
	75-00-3	106-93-4	107-06-2	75-21-8
BH.11 (from landfill gas only)	0.00138	3.22E-06	0.000695	--
C.PV	--	--	--	3.47E-03
IC.48	--	--	--	2.38E-05
IC.49	--	--	--	2.38E-05
IC.50	--	--	--	2.38E-05
IC.B12	--	--	--	1.19E-05
IC.B13	--	--	--	1.19E-05
IC.B14	--	--	--	1.19E-05
RP	--	--	--	1.10E-03
TM3	--	--	--	2.53E-04

ATTACHMENT - Emission Rates for Ambient Air Standards

Kimberly-Clark Corporation

0080-0009-DP

Page 9 of 10

STANDARD NO. 8 - DE MINIMIS TOXIC AIR POLLUTANTS EMISSION RATES (LBS/HR): Table 6

Emission Point ID	Ethylidene Dichloride	Hexane	Hydrogen sulfide	Maleic Anhydride
	75-34-3	110-54-3	7783-06-4	108-31-6
BH.11 (from landfill gas only)	0.00399	9.70E-03	0.0207	--
C.PV	--	--	--	4.00E-08
GEN.MILL	--	3.40E-02	--	--
OT.2	--	6.62E-06	--	--

STANDARD NO. 8 - DE MINIMIS TOXIC AIR POLLUTANTS EMISSION RATES (LBS/HR): Table 7

Emission Point ID	Mercury	Methyl chloride	Methyl Chloroform	Methyl Ethyl Ketone
	7439-97-6	74-87-3	71-55-6	78-93-3
BH.11 (from landfill gas only)	1.00E-06	1.05E-03	0.00110	0.00876
MW.BA	--	--	--	0.000685
MW.D1	--	--	--	0.00137
MW.D2	--	--	--	0.00137
TM4	--	1.14E-05	--	--

STANDARD NO. 8 - DE MINIMIS TOXIC AIR POLLUTANTS EMISSION RATES (LBS/HR): Table 8

Emission Point ID	Methyl Mercaptan	Methylene Chloride	Methyl Isobutyl Ketone	Propylene Dichloride
	74-93-1	75-09-2	108-10-1	78-87-5
BH.11 (from landfill gas only)	0.00205	2.08E-02	0.00321	0.000349
C.PV	--	7.13E-05	--	--
IC.48	--	2.38E-05	--	--
IC.49	--	2.38E-05	--	--
IC.50	--	2.38E-05	--	--
IC.B12	--	1.19E-05	--	--
IC.B13	--	1.19E-05	--	--
IC.B14	--	1.19E-05	--	--
MW.BA	--	--	0.000138	--
MW.D1	--	--	0.000277	--
MW.D2	--	--	0.000277	--
TM3	--	7.13E-05	--	--

ATTACHMENT - Emission Rates for Ambient Air Standards

Kimberly-Clark Corporation

0080-0009-DP

Page 10 of 10

STANDARD NO. 8 - DE MINIMIS TOXIC AIR POLLUTANTS EMISSION RATES (LBS/HR): Table 9

Emission Point ID	1,2-Propylene Oxide	Styrene	1,1,2,2-Tetrachloroethane	Tetrachloroethylene
	75-56-9	100-42-5	79-34-5	127-18-4
BH.11 (from landfill gas only)	--	--	0.00319	0.0106
C.PV	0.00360	5.23E-07	--	--
RP	0.00110	--	--	--
TM3	0.000615	--	--	--

STANDARD NO. 8 - DE MINIMIS TOXIC AIR POLLUTANTS EMISSION RATES (LBS/HR): Table 10

Emission Point ID	Toluene	Trichloroethylene	Vinyl chloride	Vinylidene chloride
	108-88-3	79-01-6	75-01-4	75-35-4
BH.11 (from landfill gas only)	--	0.00635	0.00786	0.000332
MW.SA	2.28E-07	--	--	--
OT.2	3.71E-04	--	--	--
RP	2.28E-07	--	--	--
TM3	2.28E-07	--	--	--

STANDARD NO. 8 - DE MINIMIS TOXIC AIR POLLUTANTS EMISSION RATES (LBS/HR):

Table 11

Emission Point ID	Xylene
	1330-20-7
BH.11 (from landfill gas only)	0.0220
OT.2	0.000939